

OfficialIn the claims (clean version)2-28-02
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[REDACTED] T2

1. A home gateway system comprising:

a transceiver, having a multiplexer, attached to a building, capable of establishing a wireless local loop point to point link to a geographically separated, non-mobile base station which is attached to the PSTN and capable of performing a derived lines technique;

a voice processing system coupled to the transceiver, the voice processing system capable of storing a message from an incoming call;

a conference call bridge; and

a caller identification processing system coupled to the transceiver, the caller identification processing system determining a telephone number of the incoming call and routing the incoming call to the voice processing system if the telephone number belongs to a screened group of telephone numbers.

30 (3rd amendment). A home gateway system comprising:

a wireless transceiver, having a multiplexer, attached to a home, capable of establishing a wireless local loop point to point link with a geographically separated, non-mobile base station and capable of performing a derived lines technique;

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a switch connected to a demodulated output of the wireless transceiver;

a processor connected to the switch receiving a query from the switch and sending a response to the switch;

a smart card interface connected to the processor, the smart card interface capable of receiving a setup instructions from a smart card;

a voice processing system connected to the processor, the voice processing system including a voice mail system, a voice recognition system, a speaker verification system and a speech synthesis system;

a caller identification system connected to the processor, the caller identification system coupled to a display;

a conference call bridge connected to the switch;

a router connected to the switch, capable of routing a computer data among a computer devices and onto a telephony network;

a home automation and security system, capable of sending and receiving a messages through the router or the telephony network; and

a television processing system connected to the router and receiving a television signal, the television processing system capable of sending an information to a television.